Listing of the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method for presenting audio/visual tracks, said tracks having track identification attributes, said method comprising the steps of:

detecting activation of a first input device of a head unit connected to a content server, where the head unit is adapted to communicate with a disc changer, the first input device assigned to a first default function of the disc changer, and the content server adapted to emulate the disc changer;

reading a mapping file to override the first default function and output an indication of a first mode;

receiving the[[an]] indication of the[[a]] first mode of a set of modes, each mode is associated with a different track identification attribute, each mode includes one or more playlists of tracks, each playlist of a particular mode is based on a different value for said track identification attribute associated with said particular mode;

receiving a first value of the track identification attribute;

accessing a first playlist for said first mode and first value of the track identification attribute; and

playing tracks according to said first playlist.

2. (Original) A method according to claim 1, wherein:

said first mode includes said first playlist and a second playlist;

said first mode is associated with a first track identification attribute;

said first track identification attribute is an indication of genre;

said first playlist includes tracks of a first genre; and

said second playlist includes tracks of a second genre.

3. (Original) A method according to claim 1, wherein:

said tracks are music tracks; and

said music tracks are stored as compressed digital audio data.

4. (Currently Amended) A method according to claim 1, where receiving the first value of the track identification attribute comprises:

detecting activation of a second input device of the head unit, the second input device assigned to a second default function of the disc changer; and

reading the mapping file to override the second default function to the first value of the track identification attribute.

~~wherein:~~

~~said tracks are music tracks;~~

~~said indication is provided by an automobile audio head unit adapted to communicate with a disc changer; and~~

~~said steps of receiving, accessing and playing are performed by a device in communication with said automobile audio head unit, said device emulates said disc changer.~~

5. (Currently Amended) A method according to claim 1, further comprising:

receiving a second value of the track identification attribute;

accessing a second playlist matching the second value of the track identification attribute; and

playing tracks according to the second playlist.

~~wherein:~~

~~said step of playing tracks includes reading said tracks from a removable hard disk drive.~~

6. (Cancelled)

7. (Currently Amended) A method according to claim 1, wherein:

said tracks are music tracks; and

the first default function comprises playback of a particular disc.

~~each mode of said set of modes is associated with a separate one of a set of input devices on an automobile head unit;~~

~~each input device is designed to indicate playback of a particular disk; and~~

~~said step of receiving is performed in response to one of said input devices.~~

8. (Original) A method according to claim 7, wherein:
said music tracks are stored as compressed digital audio data.

9. (Currently Amended) A method according to claim 1[[8]], where a data structure is associated with the playback mode and comprises the first playlist matching the first value of the track identification attribute.
~~wherein:~~
~~said automobile audio head unit is adapted to communicate with a disc changer; and~~
~~said steps of receiving, accessing and playing are performed by a device in communication with said automobile audio head unit, said device emulates said disc changer.~~

10. (Currently Amended) A method according to claim 1[[9]], wherein:
said step of playing tracks includes reading said tracks from a removable hard disk drive.

11. (Currently Amended) A method according to claim 1[[7]], further comprising the steps of:
audibly announcing said first mode; and
audibly announcing said first playlist.

12. (Original) A method according to claim 11, wherein:
said step of audibly announcing said first mode includes reading a first text file and generating speech based on said first text file.

13. (Original) A method according to claim 11, wherein:
said step of audibly announcing said first playlist includes reading an identification for said first playlist and generating speech based on said identification.

14. (Currently Amended) A method according to claim 1, further comprising the steps of:
audibly announcing said track identification attribute~~first mode~~; and
audibly announcing said first playlist.

15. (Currently Amended) A method according to claim 1, where the first default function comprises tuning a particular radio station.

~~wherein:~~

~~said tracks are music tracks;~~

~~each mode of said set of modes is associated with a separate one of a set of input devices on an automobile head unit;~~

~~each input device is capable of tuning a particular radio station; and~~

~~said step of receiving is performed in response to one of said input devices.~~

16. (Original) A method according to claim 1, wherein:
said first playlist includes tracks of a first artist.

17. (Original) A method according to claim 1, wherein:
said first playlist includes tracks of a first genre.

18. (Original) A method according to claim 1, wherein:
said first playlist includes tracks of a first album.

19. (Original) A method according to claim 1, wherein:
said first playlist includes tracks designated by a user.

20. (Currently Amended) A method according to claim 1, wherein:
~~said first mode is associated with a first track identification attribute; and~~
said ~~first~~ track identification attribute identifies a combination of a first artist and a first genre.

21. (Currently Amended) A method according to claim 1, wherein:
said playlists pre-exist prior to said step of detecting activation~~receiving~~.

22. (Original) A method according to claim 1, wherein:

said first mode includes a first set of one or more playlists; and

said first set of one or more playlists are created in response to said step of receiving.

23. (Original) A method according to claim 1, further comprising the steps of:

receiving a seeking command;

audibly indicating letters associated with groups of one or more playlists until said seeking command is no longer asserted; and

playing tracks associated with a last audibly announced letter.

24-31. (Cancelled)

32. (Currently Amended) An audio/visual player, comprising:

an output device;

a processor readable storage device capable of storing a plurality of tracks having track identification attributes; and

one or more processors in communication with said output device and said processor readable storage device, said one or more processors perform a method comprising the steps of:

detecting activation of a first input device of a head unit connected to a content server, where the head unit is adapted to communicate with a disc changer, the first input device assigned to a first default function of the disc changer, and the content server adapted to emulate the disc changer;

reading a mapping file to override the first default function and output an indication of a first mode;

receiving the[[an]] indication of the[[a]] first mode of a set of modes, each mode is associated with a different track identification attribute, each mode includes one or more playlists of tracks, each playlist of a particular mode is based on a different value for said track identification attribute associated with said particular mode;

receiving a first value of the track identification attribute;

accessing a first playlist for said first mode and first value of the track identification attribute; and

playing tracks according to said first playlist.

33. (Currently Amended) An audio/visual player according to claim 32, where receiving the first value of the track identification attribute comprises:

detecting activation of a second input device of the head unit, the second input device assigned to a second default function of the disc changer; and

reading the mapping file to override the second default function to the first value of the track identification attribute.

~~wherein:~~

~~said tracks are music tracks;~~

~~said output device is a speaker; and~~

~~said one or more processors are part of an audio/visual server.~~

34. (Original) An audio/visual player according to claim 32, wherein:

said tracks are music tracks; and

said music tracks are stored as compressed digital audio data.

35. (Currently Amended) An audio/visual player according to claim 32, where the method further comprises:

receiving a second value of the track identification attribute;

accessing a second playlist matching the second value of the track identification attribute; and

playing tracks according to the second playlist.

~~wherein:~~

~~said tracks are music tracks; and~~

~~said audio/visual player emulates a disc changer.~~

36. (Original) An audio/visual player according to claim 32, further comprising:

a removable hard disk drive in communication with said one or more processors, said step of playing tracks includes reading said tracks from said removable hard disk drive.

37. (Currently Amended) An audio/visual player according to claim 32, wherein:

said tracks are music tracks; and

the first default function comprises playback of a particular disc.

~~said player is designed to communicate with an automobile head unit;~~

~~each mode of said set of modes is associated with a separate one of a set of input devices on said automobile head unit;~~

~~each input device is designed to indicate playback of a particular disk; and~~

~~said step of receiving is performed in response to one of said input devices.~~

38. (Currently Amended) An audio/visual player according to claim 32[[37]], where a data structure is associated with the playback mode and comprises the first playlist matching the first value of the track identification attribute.

~~wherein:~~

~~said music tracks are stored as compressed digital audio data;~~

~~said indication is provided by said automobile audio head unit; and~~

~~said player emulates a disc changer to said automobile audio head unit.~~

39. (Currently Amended) An audio/visual player according to claim 32[[38]], further comprising:

a removable hard disk drive in communication with said one or more processors, said step of playing tracks includes reading said tracks from said removable hard disk drive.

40. (Currently Amended) An audio/visual player according to claim 32[[37]], wherein said method further comprises the steps of:

audibly announcing said first mode; and

audibly announcing said first playlist.

41. (Original) An audio/visual player according to claim 40, wherein:

said step of audibly announcing said first playlist includes reading an identification for said first playlist and generating speech based on said identification.

42. (Currently Amended) An audio/visual player according to claim 32, wherein said method further comprises the steps of:

audibly announcing said track identification attribute~~first mode~~; and

audibly announcing said first playlist.

43. (Original) An audio/visual player according to claim 42, wherein:

said step of audibly announcing said first playlist includes reading an identification for said first playlist and generating speech based on said identification.

44. (Currently Amended) An audio/visual player according to claim 32, where the first default function comprises tuning a particular radio station.

~~wherein:~~

~~said tracks are music tracks;~~

~~said audio/visual player is designed to communicate with an automobile head unit;~~

~~each mode of said set of modes is associated with a separate one of a set of input devices on said automobile head unit;~~

~~each input device is designed to tune a particular radio station; and~~

~~said step of receiving is performed in response to one of said input devices.~~

45-51. (Cancelled)

52. (Currently Amended) A computer readable medium~~One or more processor readable storage devices~~ having processor readable code embodied on said computer readable medium~~processor readable storage devices~~, said processor readable code for programming one or more processors to perform a method for presenting audio/visual tracks, said tracks have attributes, said track includes a first attribute and a second attribute, said method comprising the steps of:

detecting activation of a first input device of a head unit connected to a content server, where the head unit is adapted to communicate with a disc changer, the first input device assigned to a first default function of the disc changer, and the content server adapted to emulate the disc changer;

reading a mapping file to override the first default function and output an indication of a first mode;

receiving the[[an]] indication of the[[a]] first~~play~~ mode of a set of modes, each mode is associated with a different track identification attribute, each mode includes one or more playlists of tracks, each playlist of a particular mode is based on a different value for said track identification attribute associated with said particular mode;

receiving a first value of the track identification attribute;

accessing a first playlist for said first mode and first value of the track identification attribute; and

playing tracks according to said first playlist.

~~playing tracks according to a first track list if said indication of said play mode identifies a first mode, said first mode is associated with a first set of one or more track lists, each track on a particular track list of said first set of track lists has a common value for said first attribute, said first set of track lists includes said first track list; and~~

~~playing tracks according to a second track list if said indication of said play mode identifies a second mode, said second mode is associated with a second set of one or more track lists, each track on a particular track list of said second set of track lists has a common value for said second attribute, said second set of track lists includes said second track lists.~~

53. (Currently Amended) The computer readable medium~~One or more processor readable storage devices~~ according to claim 52, wherein:

said tracks are music tracks; and

said music tracks are stored as compressed digital audio data.

54. (Currently Amended) The computer readable medium~~One or more processor readable storage devices~~ according to claim 52, where receiving the first value of the track identification attribute comprises:

detecting activation of a second input device of the head unit, the second input device assigned to a second default function of the disc changer; and

reading the mapping file to override the second default function to the first value of the track identification attribute.

~~wherein:~~

~~said tracks are music tracks;~~

~~said music tracks are stored as compressed digital audio data;~~

~~said indication is provided by an automobile audio head unit adapted to communicate with a disc changer; and~~

~~said steps of playing tracks according to a first track list and playing tracks according to a second track list are performed by a device in communication with said automobile audio head unit, said device emulates said disc changer.~~

55. (Currently Amended) The computer readable medium~~One or more processor readable storage devices~~ according to claim 52, wherein:

said steps of playing tracks according to a first track list and playing tracks according to a second track list include reading said tracks from a removable hard disk drive.

56. (Currently Amended) The computer readable medium~~One or more processor readable storage devices~~ according to claim 52, wherein:

said tracks are music tracks; and

the first default function comprises playback of a particular disc.

~~said first mode is associated with a first input devices on an automobile head unit;~~

~~said second mode is associated with a second input devices on said automobile head unit;~~

~~additional play modes are associated with additional input devices on said automobile head unit;~~

~~each input device is designed to indicate playback of a particular disk; and~~

~~said step of receiving is performed in response to one of said input devices.~~

57. (Currently Amended) The computer readable medium~~One or more processor readable storage devices~~ according to claim 52, wherein said method further comprises the steps of:

audibly announcing said first mode.

58-69. (Cancelled)

70. (New) A system, comprising:

a head unit comprising an interface for communicating with a disc changer;

a content server connected to the head unit through the interface, the content server adapted to emulate the disc changer and operable to:

detect activation of a first input device of the head unit, the first input device assigned to a first default function of the disc changer;

read a mapping file to override the first default function to a playback mode associated with a track identification attribute;

operate under the playback mode associated with the track identification attribute;

receive a first value of the track identification attribute;

access a first playlist matching the first value of the track identification attribute; and

play content files according to tracks specified in the first playlist; and

a storage device in communication with the content server, the storage device comprising the mapping file and the content files.

71. (New) The system of claim 70, where receiving the first value of the track identification attribute comprises the content server operable to:

detect activation of a second input device of the head unit, the second input device assigned to a second default function of the disc changer; and

read the mapping file to override the second default function to the first value of the track identification attribute.

72. (New) The system of claim 70, where the content server is further operable to:

receive a second value of the track identification attribute;

access a second playlist matching the second value of the track identification attribute; and

play content files according to tracks specified in the second playlist.

73. (New) The system of claim 70, where the track identification attribute comprises one or more of a genre, artist, or album.

74. (New) The system of claim 70, where a data structure is associated with the playback mode and comprises the first playlist matching the first value of the track identification attribute.

75. (New) A method of controlling a content server, comprising:

detecting activation of a first input device of a head unit connected to the content server, where the head unit is adapted to communicate with a disc changer, the first input device assigned to a first default function of the disc changer, and the content server is adapted to emulate the disc changer;

reading a mapping file to override the first default function to a playback mode associated with a track identification attribute;

operating under the playback mode associated with the track identification attribute;

receiving a first value of the track identification attribute;

accessing a first playlist matching the first value of the track identification attribute; and

playing content files according to tracks specified in the first playlist.

76. (New) The method of claim 75, where receiving the first value of the track identification attribute comprises:

detecting activation of a second input device of the head unit, the second input device assigned to a second default function of the disc changer; and

reading the mapping file to override the second default function to the first value of the track identification attribute.

77. (New) The method of claim 75, further comprising:

receiving a second value of the track identification attribute;

accessing a second playlist matching the second value of the track identification attribute; and

playing content files according to tracks specified in the second playlist.

78. (New) The method of claim 75, where the track identification attribute comprises one or more of a genre, artist, or album.

79. (New) The method of claim 75, where a data structure is associated with the playback mode and comprises the first playlist matching the first value of the track identification attribute.

80. (New) A computer readable medium comprising processor executable instructions for controlling a content server, the processor executable instructions configured to cause a processor to:

detect activation of a first input device of a head unit connected to the content server, where the head unit is adapted to communicate with a disc changer, the first input device assigned to a first default function of the disc changer, and the content server is adapted to emulate the disc changer;

read a mapping file to override the first default function to a playback mode associated with a track identification attribute;

operate under the playback mode associated with the track identification attribute;

receive a first value of the track identification attribute;

access a first playlist matching the first value of the track identification attribute; and

play content files according to tracks specified in the first playlist.

81. (New) The computer readable medium of claim 80, where receiving the first value of the track identification attribute comprises the processor executable instructions further configured to:

detect activation of a second input device of the head unit, the second input device assigned to a second default function of the disc changer; and

read the mapping file to override the second default function to the first value of the track identification attribute.

82. (New) The computer readable medium of claim 80, where the processor executable instructions are further configured to:

receive a second value of the track identification attribute;

access a second playlist matching the second value of the track identification attribute; and

play content files according to tracks specified in the second playlist.

83. (New) The computer readable medium of claim 80, where the track identification attribute comprises one or more of a genre, artist, or album.

84. (New) The computer readable medium of claim 80, where a data structure is associated with the playback mode and comprises the first playlist matching the first value of the track identification attribute.